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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/541,182
Filing Date	01/07/2004
First Named Inventor	David L. Kaplan
Art Unit	1657
Examiner Name	K.C. Srivastava
Attorney Docket Number	700355-053462

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
/K.S./	B1	WO	01/54667 A1	08/02/2001	Smithkline Beecham Corporation		
/K.S./	B2	WO	01/80921 A2	11/01/2001	Emory University		

**Examiner
Signature**

/Kailash C. Srivastava/

Date
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07/03/2009

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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10/541,182

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First Named Inventor

David L. Kaplan

Art Unit

1657

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	ANTHANASIOU, ET AL., "Sterilization, toxicity, biocompatibility and clinical applications of polylactic acid/polyglycolic acid copolymers," Biomaterials, 1996, Vol. 17 (No.), p. 93-102,	
	C2	BOGNITZKI, ET AL., "Nanostructured Fibers via Electrospinning," Adv Mater, 2001, Vol. 13 (No. 1), p. 70-72,	
	C3	BOLAND, ET AL., "Electrospinning of Tissue Engineering Scaffolds," Polymeric Materials: Science & Engineering, 2001, Vol. 85 (No.), p. 51-52,	
	C4	CATERSON, ET AL., "Three-dimensional cartilage formulation by bone marrow-derived cells seeded in polylactide/alginate amalgam," Biomed Mater Res, 2001, Vol. 57 (No.), p. 394-403,	
	C5	DAL PRA, ET AL., "Silk Fibron-Coated Three-Dimensional Polyurethane Scaffolds for Tissue Engineering: Interactions with Normal Human Fibroblasts," Tissue Engineering, 2003, Vol. 9 (No. 6), p. 1113-1121,	
	C6	DOSHI, ET AL., "Electrospinning Process and Applications of Electrospun Fibers," Journal of Electrostatics, 1995, Vol. 35 (No.), p. 151-160,	
	C7	HOLY, ET AL., "Use of a biomimetic strategy to engineer bone," J Biomed Mater Res, 2003, Vol. 65A (No.), p. 447-453,	
	C8	HUTMACHER, "Scaffolds in tissue engineering bone and cartilage," Biomaterials, 2000, Vol. 21 (No.), p. 2529-2543,	
	C9	JIN, ET AL., "Electrospinning Bombyx mori Silk with Poly(ethylene oxide)," Polymer Preprints (American Chemical Society, Division of Polymer Chemistry), 2002, Vol. 43 (No. 2), p. 743-744,	
	C10	KARP, ET AL., "Fabrication of Precise Cylindrical Three-Dimensional Tissue Engineering Scaffolds for In Vitro and In Vivo Bone Engineering Applications," The Journal of Craniofacial Surgery, 2003, Vol. 14 (No. 3), p. 317-323,	

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03/24/2010

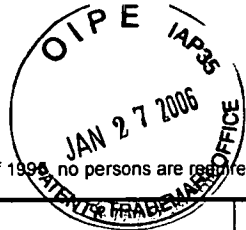
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	10/541,182
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First Named Inventor	David L. Kaplan
Art Unit	1657
Examiner Name	K.C. Srivastava
Attorney Docket Number	700355-053462

Sheet 2 of 2

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C11	LI, ET AL., "Study on Porous Silk Fibroin Materials. I. Fine Structure of Freeze Dried Silk Fibroin," J Appl Polym Sci, 2001, Vol. 79 (No.), p. 2185-2191,	
	C12	MARTIN, ET AL., "Selective differentiation of mammalian bone marrow stromal cells cultured on three-dimensional polymer foams," J Biomed Mater Res, 2001, Vol. 55 (No.), p. 229-235,	
	C13	NAM, ET AL., "Morphology of Regenerated Silk Fibroin: Effects of Freezing Temperature, Alcohol Addition, and Molecular Weight," J Appl Polym Sci, 2001, Vol. 81 (No.), p. 3008-3021,	
	C14	OHGUSHI, ET AL., "Calcium Phosphate Block Ceramic With Bone Marrow Cells in a Rat Long Bone Defect," CRC Handbook of Bioactive Ceramics, Vol. II (No.), p. 235-236, No Date	
	C15	PEREZ-RIGUEIRO, "Silkworm Silk as an Engineering Material," J Appl Polym Sci, 1998, Vol. 70 (No.), p. 2439-2447,	
	C16	PETITE, ET AL., "Tissue-engineered bone regeneration," Nature Biotechnology, 2000, Vol. 18 (No.), p. 959-963,	
	C17	SOFIA, ET AL., "Functionalized silk-based biomaterials for bone formation," J Biomed Mater Res, 2000, Vol. 54 (No.), p. 139-148,	
	C18	STITZEL, ET AL., "Aterial Smooth Muscle Cell Proliferation on a Novel Biomimicking, Biodegradable Vascular Graft Scaffold," J Biomater Appl, 2001, Vol. 16 (No.), p. 22-33,	
	C19	ZARKOOB, "Structure and Morphology of Regenerated Silk Nano-Fibers Produced by Electrospinning," A Dissertation Presented to The Graduate Faculty of the University of Akron, August 1998,	
	C20	ZARKOOB, "Structure and Morphology of Nano Electrospun Silk Fibers," Polymer Preprints (American Chemical Society, Division of Polymer Chemistry), 1998, Vol. 39 (No. 2), p. 244-245,	

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Signature

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03/25/2010

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